



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)

[Nle20] H4 peptide (16–23)

Cat. No.:	HY-P10570
CAS No.:	2042178-19-6
Molecular Formula:	C ₄₇ H ₈₈ N ₂₀ O ₉
Molecular Weight:	1077.33
Sequence:	Lys-Arg-His-Arg-{Nle}-Val-Leu-Arg
Sequence Shortening:	KRHR-{Nle}-VLR
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

[Nle20] H4 peptide (16–23) is a peptide with strong inhibitory activity against histone methyltransferase SETD8 ($K_d=0.14 \mu\text{M}$), which inhibits SETD8's methylation of histone H4 by competing with SETD8's substrate binding site. [Nle20] H4 peptide (16–23) can be used as a lead compound for anticancer therapy^[1].

REFERENCES

[1]. Judge R A, et al. Turning a substrate peptide into a potent inhibitor for the histone methyltransferase SETD8[J]. ACS Medicinal Chemistry Letters, 2016, 7(12): 1102-1106.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA